

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

Claims 1-14 (Canceled).

15. (New) A flexible, armored pipe, the pipe comprising:

an inner liner; and

a spirally-wound internal pressure armor in the inner liner, said internal pressure armor comprising

(a) a number of adjoining armor profiles, each of said profiles having a number of recesses, at least two of said recesses being provided along surfaces of said adjoining armor profiles forming a cavity therebetween, and

(b) a number of locking profiles said locking profiles being adapted to hold together said adjoining profiles;

wherein said at least two recesses are locking recesses and further wherein said formed cavity accommodates a locking element.

16. (New) The pipe according to claim 15, wherein each armor profile is configured as a K-profile with four recesses.

17. (New) The pipe according to claim 16, wherein said K-profile includes two recesses which are arranged in the corners of each profile, and further wherein

an I-profile is provided in the cavity which is formed by the two recesses in adjoining profiles.

18. (New) A pipe according to claim 15, wherein the locking element wholly or partly fills out the cavity.

19. (New) A pipe according to claim 15, wherein the locking element is configured as an I-profile.

20. (New) A pipe according to claim 15, wherein the two recesses are semicircular in shape.

21. (New) The pipe according to claim 20, wherein the locking element is configured with a substantially circular cross-section.

22. (New) A pipe according to claim 15, wherein the locking element is made of an elastic, deformable material.

23. (New) A pipe according to claim 15, wherein the locking element is configured as a wire with a C-shaped cross-section.

24. (New) A pipe according to claim 15, wherein the locking profiles are C-shaped.

25. (New) A pipe according to claim 15, wherein the profiles consist of a material which wholly or partly is made of metal, a metal alloy or a ceramic-reinforced metal material.

26. (New) A pipe according to claim 15, wherein the profiles consist of a material which wholly or partly is made of a polymer or an armored polymer.

27. (New) A pipe according to claim 15, wherein the inner liner surrounds a carcass and further wherein the carcass is configured as the pressure armor.

28. (New) A method of using a flexible, armored pipe according to any of the claims 15–27 for the transport of fluids with the flexible armored pipe.

29. (New) A method according to claim 28, wherein the fluid is water.

30. (New) A method according to claim 28, wherein the fluid is ammonia.

31. (New) A method according to claim 28, wherein the fluid is hydrocarbons.